

is introduced by this amendment, entry thereof is respectfully requested.

The statement by the examiner in paragraph 1 on page 2 of the Official Letter is not understood. The Examiner is respectfully requested to state any objections to the Declaration and applicants will immediately comply.

The rejection of the claims under 35 USC 112, second paragraph, as indefinite, is obviated by the above amendment whereby the phrase "or near" has been deleted from the claims, thereby rendering the latter definite within the meaning of 35 USC 112, second paragraph.

The rejection of the claims under 35 USC 103 is believed to be obviated by the above amendment. It is noted that only claims 1-4 were rejected as unpatentable over Schiavone in view of Boys et al. Although the Official Letter did not so state, it would appear that incorporation of the limitations of claim 5 into claims 1-4 would free these claims from rejection over the prior art. By the above amendment, this object has been achieved.

Schiavone teaches the use of fixed value capacitors to reduce the cavity depth and give resonance to the antenna at a fixed frequency. In the present invention, the function of the varactor diodes, acting as capacitances, is not to effect resonance as such in the cavity, since the cavity is already dimensioned such that resonance occurs. Rather, as stated at page 3, lines 3-29 of the present specification, the varactor diodes are used to tune the

resonance to any point within a band. Claims 1 and 3 have been amended to include this limitation. Therefore, it is respectfully submitted that the claims are no longer subject to rejection over Schiavone in view of Boys et al, and withdrawal of this ground of rejection is respectfully requested.

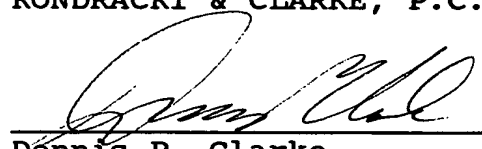
The Bogner and Rademakers patents have been carefully reviewed. Since they have not been cited against the claims, they will not be discussed in detail. Suffice it to state that these references neither disclose nor suggest the claimed invention.

Applicants have earnestly endeavored to place this application in condition for allowance, and an early action toward that end is respectfully requested.

Please charge any additional fees due (or credit any overpayment thereof) to Deposit Account No. 11-0610 (Docket No. 3099(S)).

Respectfully submitted,

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